

Fuel Tank and Lines - TDV6 2.7L Diesel - Fuel Tank

Removal and Installation

Removal

- WARNINGS:



Place the vehicle in a well ventilated, quarantined area and arrange ' No Smoking/Petrol Fumes' signs about the vehicle.



Do not carry or operate cellular phones when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.



Do not smoke or carry lighted tobacco or open flame of any type when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.




The spilling of fuel is unavoidable during this operation. Ensure that all necessary precautions are taken to prevent fire and explosion.

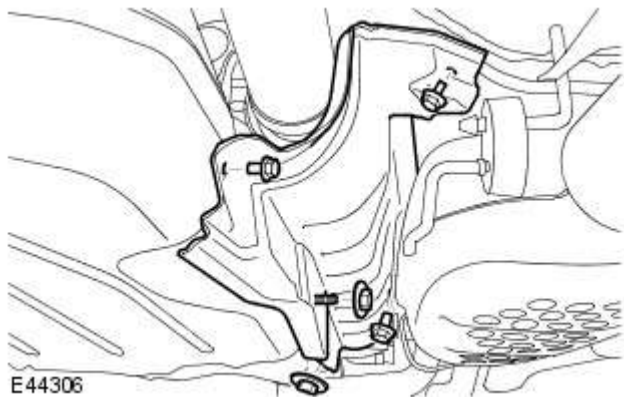


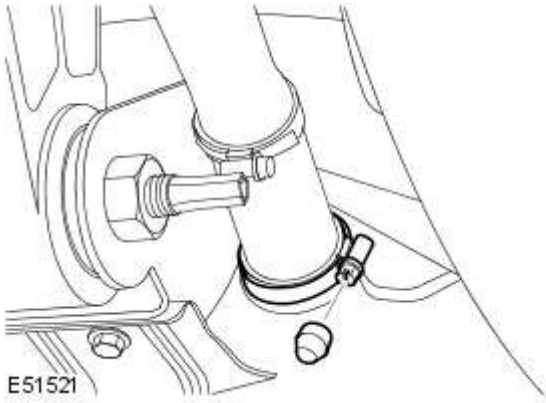
CAUTION: Before disconnecting or removing components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.


All vehicles

1. Disconnect the battery ground cable.
For additional information, refer to: [Specifications](#) (414-00 Battery and Charging System - General Information, Specifications).
2. Drain the fuel tank.
For additional information, refer to: [Fuel Tank Draining](#) (310-00 Fuel System - General Information, General Procedures).
3.  **WARNING:** Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.
4. Remove the fuel tank heat shield.
 - Remove the 3 bolts and 2 nuts.

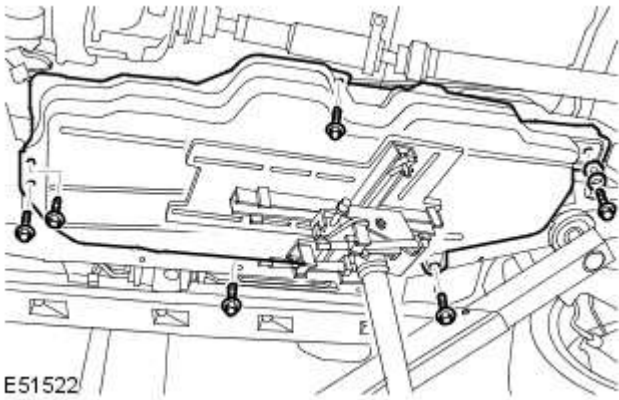




5.  **CAUTION:** Before the disconnection or removal of any components, ensure the area around joint faces and connections are clean. Plug any open connections to prevent contamination.

Disconnect the fuel filler neck from the fuel tank.

- Remove the tamper proof cover.
- Remove and discard the hose clip.



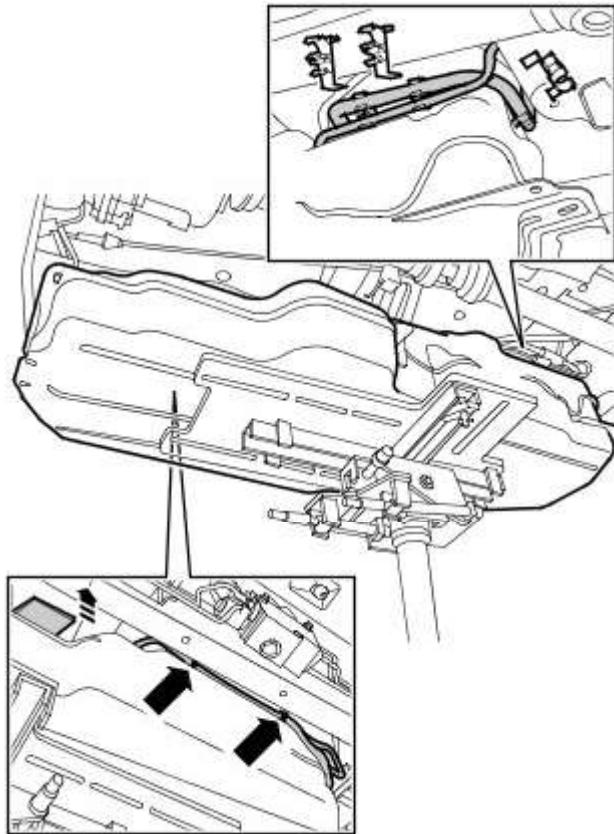
6.  **WARNING:** Secure the component to the transmission jack.

Using a transmission jack, lower the fuel tank.

- Remove the 5 bolts.

7. Release the parking brake emergency release cable.

- Release it from the 4 clips



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8. NOTE: Note the fitted position.

Release the fuel tank vent and fuel lines.

- Remove the retainers.
- Release from the clips.
- Remove the adhesive pad.

9. ⚠ CAUTION: Before disconnecting or removing components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

Disconnect the 2 fuel tank vent lines.

- Release the clip.

Vehicles with fuel fired heater

10. ⚠ CAUTION: Before disconnecting or removing components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

Disconnect the fuel fired booster heater fuel line.

- Release the clip.

All vehicles

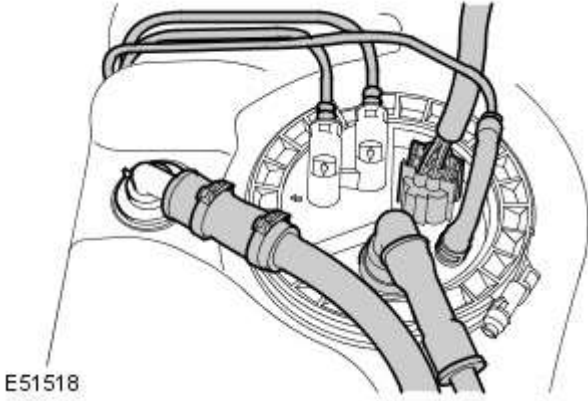
11. ⚠ CAUTION: Before disconnecting or removing components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

Disconnect the 2 fuel lines.

- Release the 2 clips.

12. Disconnect the fuel pump module electrical connector.


13. Remove the fuel tank.



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14. NOTE: Do not disassemble further if the component is removed for access only.

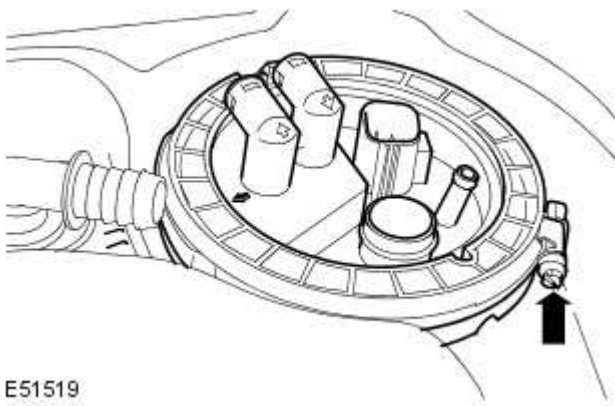
With assistance, remove the fuel tank from the transmission jack.

15.  CAUTION: Before disconnecting or removing the components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.


• NOTE: Note the fitted position.

Release the fuel pump module access flange.

- Loosen the screw.
- Remove the clamp.

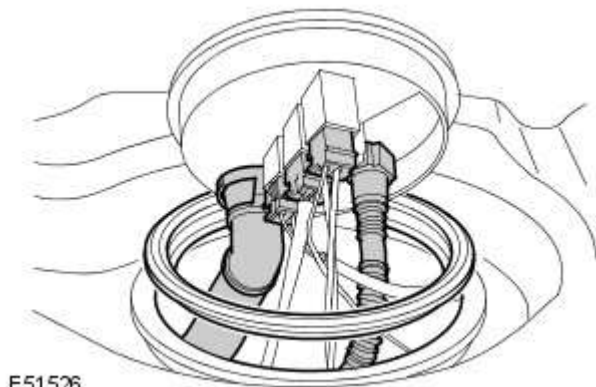


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16.  CAUTION: Before disconnecting or removing components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

Remove the fuel pump module access flange.

- Disconnect the vent line.
- Disconnect the fuel supply line.
- Disconnect the 3 electrical connectors.
- Remove and discard the seal.



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